

Under the Paperless Reception Act of 1995, no person is required to submit in writing a request for reexamination unless it displays a valid OMB control number.

REISSUE APPLICATION DECLARATION BY THE INVENTOR	Docket Number (Optional) ATL-130re
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I hereby declare that:

Each inventor's residence, mailing address and citizenship are stated below next to their name.
 I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 5,706,819 granted January 13, 1998 and for which a reissue patent is sought on the invention entitled ULTRASONIC DIAGNOSTIC IMAGING WITH HARMONIC.

CONTRAST AGENTS

the specification of which

 is attached hereto. was filed on January 11, 2000 as reissue application number 09/481,814.and was amended on January 6, 2006
(if applicable)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verify belief the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

 by reason of a defective specification or drawing. by reason of the patentee claiming more or less than he had the right to claim in the patent. by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

The original patent is wholly or partly inoperative by reason of the patentees claiming less than they had the right to claim in the patent. Original Claims 1-4 are limited to transmitting a first ultrasonic pulse and a second ultrasonic pulse of a different polarity than the first. New Claim 5 calls for transmitting at least three ultrasonic pulses which more broadly exhibit first and second characteristics that cause a reduction in the linear echo response when echoes are combined. Original Claim 1 calls for combining first and second harmonic responses, whereas new Claim 17 calls for accumulating echoes from at least three ultrasonic pulses to produce a nonlinear response. New Claim 20 calls for combining echoes from at least three ultrasonic pulses to produce a nonlinear response, whereas Claim 1 only calls for combining first and second harmonic responses. All original claims are drawn narrowly to detecting the response of a contrast agent, whereas all new claims are more broadly drawn to detecting the nonlinear response of a substance within the body.

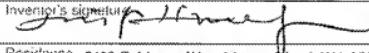
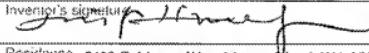
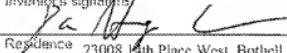
These errors are being relied upon to support our reissue application. All errors being corrected in this reissue application up to the time of filing of this declaration arose without any deceptive intention on the part of the applicants.

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This collection of information is required by 37 CFR 1.75. The information is used to obtain or retain a patent which is to the law of the USPTO to process an application. Confidentiality is governed by 35 U.S.C. 127 and 37 CFR 1.11 and 1.12. This declaration is submitted in take 30 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, please send to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperless Response Act of 1995, signatures are required to indicate a collection of information unless it discloses a valid DUA control number.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)		Docket Number (Optional) ATL-130re
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.		
Note: To appoint a power of attorney, use form PTO/SB/81.		
Correspondence Address: Direct all communications about the application to.		
<input type="checkbox"/> The address associated with Customer Number 28159 OR <input type="checkbox"/> Firm or Individual Name Philips Intellectual Property & Standards Address P.O. Box 3001		
City	Briarcliff Manor	State NY Zip 10510-8001
Country	USA	
Telephone	(425) 487-7152	Email bprint.yorks@philips.com
WARNING:		
<p>Petitioner/Applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/Applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.</p>		
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.</p>		
Full name of sole or first inventor (given name, family name) Juin-Jei Hwang 		
Inventor's signature 		Date 11/28/10
Residence 7432 E. Mercer Way, Mercer Island, WA 98040		Citizenship United States
Mailing Address same as above		
Full name of second joint inventor (given name, family name) David Hope Simpson		
Inventor's signature 		Date 11/22/10
Residence 23008 14th Place West, Bothell, WA 98021		Citizenship Canada
Mailing Address same as above		
<input type="checkbox"/> Attestation: I am the Inventor or legal representative(s) as are named on separate, numbered sheets from PTO-SB/1A or 121R attached hereto.		